

State Agricultural Summaries

These summaries, issued weekly through the summer growing season, provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by NASS State Statistical Offices in cooperation with the National Weather Service. The crop weather reports are also available on the Internet through the NASS Home Page on the World Wide Web at <http://www.usda.gov/nass/> or from JAWF at <http://www.usda.gov/oce/waob/jawf>.

ALABAMA: Days suitable for fieldwork 6.9. Topsoil moisture: 64% very short, 28% short, and 8% adequate. Corn dented 97%, 87% 1999, and 96% 5 or avg. Corn mature 91%, 73% 1999, and 78% 5 or avg. Corn harvested 45%, 32% 1999, and 31% 5 or avg. Corn condition: 40% very poor, 22% poor, 25% fair, and 13% good. Soybeans blooming 91%, 79% 1999, and 87% 5 or avg. Soybeans setting pods 75%, 69% 1999, and 73% 5 or avg. Soybeans dropping leaves: 9%, 8% 1999, and 3% 5 or avg. Soybean condition: 25% very poor, 31% poor, 38% fair, and 6% good. Pasture condition: 40% very poor, 37% poor, 19% fair, 4% good and 0% excellent. Livestock condition: 12% very poor, 21% poor, 45% fair, 19% good, and 3% excellent. Farmers are harvesting corn with lower than normal yields being reported. Reports of Armyworms in some soybean fields. High temperatures and lack of rain continues.

ALASKA: Days suitable for fieldwork 2.3. Topsoil 5% short, 75% adequate, 20% surplus. Subsoil moisture 5% short, 85% adequate, 10% surplus. Cool, damp conditions continued to hamper the hay harvest, slow crop development. Daytime high temperatures averaged mostly in the fifties, lows averaged mostly in the forties. Barley 50% ripe, 61% 1999, 80% avg. Oats 5% ripe, 68% 1999, 64% avg. Wind or rain damage to crops 85% none, 5% light, 10% moderate. Potato 2% harvest 0% 1999, 2% avg. Hay 95% 1st cutting harvest, 99% 1999, 100% avg.; 6% 2nd cutting 4% 1999, 4% avg. Major farming activities for the week included: Cutting, harvesting hay, harvesting vegetables, killing potato vines, harvesting potatoes, machinery repair. Scattered frost reported in most agricultural areas of the state.

ARIZONA: Area recorded above average temperatures with precipitation throughout the state during the week of August 27. Continued warm temperatures have helped cotton to progress ahead of the five-year average. Below average precipitation has adversely affected range and pasture conditions.

ARKANSAS: Days suitable for fieldwork 7.0. Soil moisture 61% very short, 27% short, 11% adequate, 1% surplus. Rice 92% headed, 97% 1999, 96% 5 or. avg.; 22% ripe; 2% harvested, 4% 1999, 4% 5yr avg.; 1% very poor, 7% poor, 22% fair, 53% good, 17% excellent. Sorghum 100% headed, 100% 1999, 99% 5 or. avg.; 95% turning color, 92% 1999, 79% 5 or avg.; 74% mature, 38% 1999, 28% 5 or avg.; 32% harvest, 7% 1999, 13% 5 or. avg.; 3% very poor, 8% poor, 29% fair, 52% good, 8% excellent. Cotton 30% opening bolls, 36% 1999, 21% 5 or avg.; 5% very poor, 13% poor, 34% fair, 40% good, 8% excellent. Soybean 97% bloomed, 98%, 1999, 94% 5 or avg.; 84% setting pods, 85% 1999, 77% 5 or avg.; 8% shedding, 4% 1999, 3% 5 or. avg.; 13% very poor, 23% poor, 32% fair, 25% good, 7% excellent. Corn 100% dough; 98% dent; 87% mature; 46% harvest; 2% poor, 14% fair, 56% good, 28% excellent.; Alfalfa Hay 3% very poor, 10% poor, 57% fair, 29% good, 1% excellent; Other Hay 13% very poor, 30% poor, 36% fair, 18% good, 3% excellent. Pasture, Range feeds 21% very poor, 42% poor, 26% fair, 10% good, 1% excellent. CROPS: Farmers continued irrigating cotton, soybean fields, draining rice fields. Corn, sorghum harvest was in full swing as rice harvest began. Some cotton fields continued to be sprayed for insects. Armyworm treatment continued in soybean fields, some pastures. Dryland crops were still showing stress, with conditions declining rapidly. Other activities included: Cutting, baling hay. LIVESTOCK: Despite the dry, hot weather, most livestock were in good condition. Supplemental feeding of hay was reported in several counties. Cattle were still being treated for flies, external parasites. Poultry producers continued losing birds due to extreme heat. Farmers were closely monitoring flocks. Many reports are received on Friday, may not reflect conditional changes due to weekend weather.

CALIFORNIA: Cotton continued to progress well. Bolls were opening in many fields, with percent of bolls opening ranging from 5% or less in Northern State to near 100% in the Imperial Valley. Several cotton fields were sprayed for mites. Corn for silage was cut, shipped to dairies, while harvest of corn for grain continued in a few fields. Many corn fields were sprayed for weeds, mites. Sugar beets harvest continued. Alfalfa continued to be cut and baled. Alfalfa demand, quality was improving. Insecticide applications continued in both alfalfa, sugar beets fields. Rice was rapidly maturing with some fields allowing water to slowly drain. Some dry bean fields were treated for worms, aphids. Safflower continued to be harvested. Defoliant treatments were applied to some sunflower seed fields. Growers were conducting cultural activities in their

vineyards, orchards. Weed control, irrigation activities were active. Picking of grapes for fresh use was active in the San Joaquin Valley. Red Globe, Thompson Seedless, Flame Seedless were the primary varieties moving. Wine grapes harvest was active. Cooler nights have enhanced color in red varieties. Grapes for raisins were laid down on trays. Harvest was active in Freestone, Clingstone peaches, nectarines, plums, prunes. Bartlett pear harvest was active in Lake, Mendocino counties with approximately 80% of the crop picked. Asian pear picking was active in the San Joaquin Valley. Gala apple picking continued while picking of the Granny Smith variety began. Picking of grapefruit was active in the San Joaquin Valley. Lemon harvest was active in southern state. The harvest of Valencia oranges slowed in southern state, the San Joaquin Valley due to market conditions. Strawberry picking was active on the central coast. Almond harvest gathered momentum as later variety trees were being shaken along with early varieties. Walnuts were treated for codling moth. Insecticide applications continued on asparagus, tomato, melon fields in the Sacramento, San Joaquin valleys. The ground was prepared for planting of fall, winter vegetables in Southern state. Spinach, broccoli fall crops were progressing normally in the San Joaquin Valley. Harvest of onions, garlic continued. Good quality honeydew continued to be packed.

The harvest of processing tomatoes was almost complete. Hot house tomato season ended, vines will be pulled, replaced by European cucumbers. Cucumber harvest was heavy in Tulare County. In addition, picking, packing was steady for okra; zucchini, kabocha, yellow squash; assorted peppers; eggplant; sweet corn; green beans; fresh market tomatoes; watermelon. High elevation non-irrigated pastures were drying very rapidly. Fire danger was extremely high. Some cattle were moved from government grazing land ahead of normal due to dry grass, limited stock water. The overall condition of livestock was fairly good in spite of lower cattle, sheep weight gains reported on some non-irrigated summer pastures. Stock water and grass were becoming short on some lower elevation foothill pastures. Irrigated pastures throughout the State were in fair to good condition.

COLORADO: Days suitable for fieldwork 5.9. Topsoil 29% very short, 44% short, 27% adequate, 0% surplus. Subsoil moisture 34% very short, 46% short, 20% adequate, 0% surplus. The seasonal pattern of cooler temperatures, scattered afternoon rain showers have provided some relief to dryland crops and have resulted in a very slight improvement in soil moisture conditions. Spring barley 82% harvested, 63% 1999, 63% avg. Dry onions 42% harvested, 25% 1999, 29% avg.; 6% very poor, 5% poor, 16% fair, 52% good, 21% excellent. Sugar beets 3% very poor, 9% poor, 15% fair, 45% good, 28% excellent. Summer potatoes 41% harvested, 42% 1999, 31% avg.; 1% very poor, 4% poor, 22% fair, 47% good, 26% excellent. Fall potatoes 2% harvested, 1% 1999, 0% avg.; 4% poor, 8% fair, 57% good, 31% excellent. Dry beans 98% flowered, 92% 1999, 96% avg.; 8% cut, 14% 1999, 10% avg.; 3% harvested, 6% 1999, 4% avg.; 7% very poor, 6% poor, 26% fair, 52% good, 9% excellent. Winter wheat 1% seeded, 1% 1999, 2% avg. Spring wheat 54% harvested, 48% 1999, 48% avg.; 5% very poor, 15% poor, 30% fair, 41% good, 9% excellent. Alfalfa 94% 2nd cutting, 92% 1999, 93% avg.; 44% 3rd cutting, 42% 1999, 29% avg.

DELAWARE: Days suitable for fieldwork 6.8. Topsoil 67% adequate, 33% surplus. Subsoil moisture 73% adequate, 27% surplus. Field corn 88% dough, 84% in 1999, 82% avg.; 61% dent, 63% 1999, 60% avg.; 20% mature, 32% 1999, 19% avg.; 19% harvested for silage harvested, 59% 1999, 32% avg. Sweet corn 81% harvested, 76% 1999, 79% avg. Cucumbers 81% harvested, 74% 1999, 82% avg. Soybeans 75% bloomed, 86% 1999, 76% avg; 53% setting pods, 57% 1999, 57% avg. Sorghum 3% fair, 97% good; 80% headed, 90% 1999, 83% avg.; 25% turning, 30% 1999, 17% avg. Snap beans 93% harvested, 72% 1999, 73% avg. Pasture feed 2% poor, 8% fair, 85% good, 5% excellent. Corn 4% fair, 77% good, 19% excellent. Soybean 2% poor, 17% fair, 63% good, 18% excellent. Potatoes 55% harvested, 79% 1999, 84% avg. Cantaloupe 80% harvested, 85% 1999, 82% avg. Watermelons 75% harvested, 77% 1999, 75% avg. Apple 6% fair, 84% good, 10% excellent; 38% harvested, 33% 1999, 32% avg. Peaches 83% harvested, 84% 1999, 81% avg. Hay supplies 12% very short, 12% short, 76% adequate. Percent of cutting hay crop harvest: clover, other hays, 3rd cutting 80% cut, 88% 1999, 75% avg; 4th cutting 25% cut, 31% 1999, 15% avg. Alfalfa 3rd cutting 81% cut, 95% 1999, 91% avg; 4th cutting 25% cut, 30% 1999, 21% avg. Tomatoes 67% harvested, 69% 1999, 72% avg. Activities: A perfect week for farming, farmers slow getting hay made because of past wet weather.

FLORIDA: Growers delayed some fieldwork early in week as Hurricane Debby neared but found relief when storm broke up before hitting. Remains of storm brought showers to southern Peninsula, last part of week. Rainfall ranged from traces at a few localities to about 3.33 in. at Avalon, Bradenton; most localities recorded from 0.50 in. to 2.00 in. or more. Northern Peninsula, western Panhandle localities drier than normal with many hoping for soaking rains. Temperatures at major stations ranged from 1st. below normal to 2nd. above. Daytime highs in 80s, 90s; nighttime lows in 60s, 70s. Soil moisture short to adequate with scattered areas of very short or surplus moisture. Tobacco harvest winding down. Tobacco marketing active. Sugarcane in good condition. Haying active. Cotton in fair to good condition. Corn for grain harvest active. Armyworms, loopers problems in some areas. Growers starting to harvest peanuts. Peanut 1% very poor, 8% poor, 48% fair, 43% good. Some planting of fall vegetables delayed early in week due to Hurricane Debby with rain from remains of storm boosting growth of earlier plantings. Land preparation very active; planting increasing slowly. Hot temperatures causing stress to some plants. Rainfall variable this week, hard soaking rains still needed most citrus areas. Abundant new growth. New crop fruit making good progress, testing early bloom fruit continues for first harvest. Some fresh squeeze juice operations still running late bloom Valencia oranges, grapefruit. Caretakers cutting cover crops, removing vines from trees, spraying, fertilizing. Some dead tree removal reported with burning of grove debris. Pasture feed 5% poor, 55% fair, 40% good. Cattle 5% poor, 55% fair, 40% good. Statewide: pasture, cattle condition mostly fair to good, slightly improved from previous week. Panhandle: cattle, pasture are in fair condition; moisture short; some ponds, lakes dried up, still some wells reported dry. North: cattle, pasture in fair condition; swamps dry; haying active. Central: Cattle, pasture good; soil moisture adequate; some haying; ponds, streams still very low; armyworms, loopers active. West Central: cows, calves fair to good; pasture feed improving, grass growing; hay season started. Southeast: pasture grass dying from drought. Southwest: cattle condition fair to good, pasture good.

GEORGIA: Days suitable for field 6.2. Soil moisture 29% very short; 47% short; 23% adequate; 1% surplus. Corn 62% harvested for grain, 58% 1999, 52% avg. Cotton 98% setting bolls, 99% 1999, 100% avg. Hay 16% very poor, 32% poor, 35% fair, 15% good, 2% excellent. Peanuts 1% dug, 3% 1999, 2% avg. Sorghum 20% very poor, 26% poor, 37% fair, 16% good, 1% excellent; 11% harvested for grain, 17% 1999, 15% avg. Soybeans 94% blooming, 92% 1999, 95% avg. Tobacco 81% harvested, 87% 1999, 87% avg. Apples 6% poor, 43% fair, 44% good, 7% excellent; 15% harvested, 14% 1999, 22% avg. Pecans 10% very poor, 19% poor, 38% fair, 28% good, 5% excellent. Much of the State remained dry despite fronts moving through the State Thursday, Friday, and Sunday resulting in scattered showers. Crops need more rain. Irrigation sources declined. Some cotton fields shed leaves. Peanut digging began. Peanuts will be ready to harvest sooner than expected because of the high soil temperatures during the late growing season. There were limited reports of Pecan scab. Armyworms intensified in hayfields, pastures, and millet in the central part of the State. Some hay producers sprayed for them. Hay cutting occurred where possible. Some producers sold cattle. Moisture is needed for planting winter pastures to supplement harvested hay. Other activities included: Planting fall cabbage.

HAWAII: Variable weather was fair to good for agriculture. Cloudy conditions early in the week gradually gave way to mostly sunny skies. Rainfall was generally light to moderate, more widespread than usual. Farmers were busy conducting recovery activities following the previous week's moderate to heavy showers. Spraying was intensified to prevent disease outbreaks. Banana, papaya harvesting was steady. Crop conditions were mostly fair. Head cabbage harvesting will also be steady. Field conditions were good to fair. Irrigation was steady. Sweet corn harvesting active. Yields higher than normal in some areas.

IDAHO: Days suitable for field work 6.9. Topsoil 40% very short, 36% short, 24% adequate. Range, Pasture is in poor condition, producers are grazing on emergency CRP ground. Irrigation supply 13% excellent, 25% good, 29% fair, 23% poor, 10% very poor. Oats 67% harvested for grain, 51% 1999, 46% avg. Potato 27% vines dying/killed, 10% 1999, 11% avg.; 5% harvested, 3% 1999, 2% avg. Mint 92% harvested, 71% 1999, 77% avg. Peaches 75% harvested, 37% 1999, 48% avg. Apples 16% harvested, 1% 1999, 1% avg. Dry Peas 93% harvested, 65% 1999, 65% avg. Lentils 92% harvested, 53% 1999, 42% avg. Onions 8% harvested, 5% 1999, 9% avg. Prunes, plums 14% harvested, 29% 1999, 23% avg. Sweet corn 35% harvested, 48% 1999, 34% avg. Corn harvested 4% for silage, 4% 1999, 1% avg. Dry beans 16% harvested, 7% 1999, 7% avg. Alfalfa hay 62% 3rd cutting harvested, 45% 1999, 30% avg. Winter wheat 97% harvested, 73% 1999, 79% avg. Activities: Irrigating, spraying weeds, moving livestock to alternate grazing areas, harvesting small

grains, hay, mint, lentils, dry peas, sweet corn, potatoes, dry beans, corn for silage, fruit.

ILLINOIS: Days suitable for fieldwork 5.1. Topsoil 4% very short, 20% short, 62% adequate, 14% surplus. Soybeans 11% turning yellow, 6% 1999, 3% avg. Alfalfa 78% 3rd cut, 74% 1999, 56% avg. The corn, soybean crop conditions deteriorated across the state last week due to a number of factors. Dry conditions in the North, wet conditions in the South, along with soybean aphids, Sudden Death Syndrome in soybeans all contributed to the declining conditions. A strong storm front moved across the state Tuesday evening, caused crop damage in many areas along with dumping excessive amounts of rain in isolated areas in the southern half of the state. In the south "concerns are starting to arise as to harvest conditions", hay fields are just waiting to be cut. Meanwhile in northern state, farmers are in need of rain to help the soybean crop reach its potential. "Lack of rain since June has significantly reduced corn, soybean yields" in the northeast. Concern has spread statewide regarding the effect of Sudden Death Syndrome in the soybean crop. "Soybeans that are losing their leaves are losing them because of SDS, not maturity at this time". Farmers have slowed their spraying for the soybean aphid as they keep an eye on this situation. A few fields of silage have been cut in the north with a few of the earliest fields being shelled in the south as high moisture corn. Corn harvest is one to two weeks away in many areas in the southern half of the state.

INDIANA: Days suitable for fieldwork 5.2. Topsoil 4% very short, 15% short, 69% adequate, 12% surplus. Subsoil 8% very short, 21% short, 63% adequate, 8% surplus. Rain, strong thunderstorms, wind damage occurred in a few isolated areas. Warm weather, sunshine helped corn, soybeans advance toward maturity. Corn, soybean plants are turning color in many fields. Corn, soybean condition declined slightly. Tobacco harvest continued. Precipitation averaged .08 to 5.17 inches. Temperatures averaged 3E below normal to 4E above normal. Sudden death syndrome reported in some western areas of the state. Range, pasture 0% very poor, 6% poor, 28% fair, 51% good, 15% excellent. Alfalfa hay 85% 3rd cutting, 93% 1999. Tobacco 30% harvest, 39% 1999, 21% avg. Major activities: Baling hay, scouting fields, cleaning grain bins, hauling grain to market, mowing roads, pastures, equipment repair, hauling manure, preparing equipment for fall harvest, caring for livestock.

IOWA: Days suitable for field work 5.3. Topsoil 9% very short, 32% short, 56% adequate, 3% surplus. Subsoil moisture 17% very short, 35% short, 45% adequate, 3% surplus. Some scattered showers, mostly hot, humid weather prevailed. Corn dough 91% stage, 84% 1999, 70% avg.; 64% dent stage, 57% 1999, 33% avg.; mature 9% stage, 6% 1999, avg.; 3% very poor, 7% poor, 24% fair, 43% good, 23% excellent. Soybean leaves 11% turning color, 5% 1999, 3% avg.; 2% dropping leaves, na 1999, na avg. Soybean 3% very poor, 8% poor, 26% fair, 44% good, 19% excellent. Range, pasture feed 6% very poor, 16% poor, 30% fair, 41% good, 7% excellent. Alfalfa 72% 3rd cutting, 56% 1999, 41% avg.; Clover hay 94% 2nd cutting, 90% 1999, 87% avg. Hay 2% very poor, 7% poor, 23% fair, 54% good, 14% excellent.

KANSAS: Days suitable for fieldwork 6.8. Topsoil 55% very short, 35% short, 10% adequate. Subsoil moisture 40% very short, 43% short, 17% adequate. Crop conditions continue to decline. Corn 9% harvested. Sorghum 6% harvested. Sunflower 100% bloom, 97% 1999. Sunflower ray flowers 53% dry, 42% 1999. Sunflower bracts 39% yellow, 17% 1999. Sunflower 2% very poor, 10% poor, 39% fair, 47% good, 2% excellent. Alfalfa 100% 3rd cutting, 97% 1999, 96% avg.; 67% 4th cutting, 43% 1999, 32% avg.

KENTUCKY: Days suitable for fieldwork 4.9. Topsoil 4% very short, 20% short, 71% adequate, 5% surplus. Subsoil moisture 10% very short, 20% short, 66% adequate, 4% surplus. Rainfall reported widespread throughout the state. Corn harvested beginning in western part of State. Silage harvesting continues. Soybean crop condition reported primarily good to excellent. Burley tobacco 48% cut, 52% 1999, 33% avg. Dark tobacco 37% cut, 62% 1999, 46% avg. Early yields reported above avg. Tobacco 1% very poor, 4% poor, 14% fair, 60% good, 21% excellent. Few reports of serious black shank or blue mold. Pastures 2% very poor, 5% poor, 23% fair, 53% good, 17% excellent. Hay 2% very poor, 4% poor, 21% fair, 54% good, 19% excellent.

LOUISIANA: Days suitable for fieldwork 6.3. Soil moisture 52% very short, 24% short, 21% adequate, 3% surplus. Corn 95% harvested, 92% 1999, 78% avg. Corn harvest edged closer to completion. Hay 90% final cutting, 63% 1999, 72% avg. Rice 89% ripe, 90% 1999, 82% avg. Rice harvest continued. Soybeans 58% leaves turning, 42% 1999, 31% avg. Sorghum 62% harvested, 69% 1999, 40% avg. Sugarcane 5% very poor, 15% poor, 37% fair, 37% good, 6% excellent; 55% planted, 66% 1999, 22% avg. Sweet Potatoes 14% harvested, 18% 1999, 13% avg. Sweet

potato harvest continued to be extremely slow due to the lack of soil moisture. Livestock 6% very poor, 19% poor, 34% fair, 36% good, 5% excellent. Vegetables 14% very poor, 34% poor, 31% fair, 20% good, 1% excellent.

MARYLAND: Days suitable for fieldwork 5.6. Topsoil 5% short, 87% adequate, 8% surplus. Subsoil moisture 2% very short, 4% short, 88% adequate, 6% surplus. Cucumbers 81% harvested, 80% 1999, 84% avg. Lima beans 45% harvested, 29% 1999, 23% avg. Snap Beans 76% harvested, 77% 1999, and 80% avg. Soybeans 92% bloomed, 91% 1999, 89% avg.; 77% setting pods, 75% 1999, 73% avg.; 12% turned, 3% 1999, 5% avg. Sorghum 1% fair, 53% good, 46% excellent; 92% headed, 96% 1999, 93% avg.; 20% turning color, 27% 1999, 16% avg. Tobacco 14% poor, 11% fair, 47% good, 28% excellent; 92% topped, 80% 1999, 88% avg.; 40% harvested, 36% 1999, 50% avg. Field corn 75% dough, 70% 1999, 70% avg.; 36% dent, 46% 1999, 43% avg.; 25% mature, 19% 1999, 13% avg.; 15% harvested for silage, 33% 1999, 16% avg. Sweet corn 86% harvested, 90% 1999, 82% avg. Pasture feed 1% very poor, 2% poor, 5% fair, 59% good, 33% excellent. Corn 1% very poor, 1% poor, 6% fair, 41% good, 51% excellent. Soybean 9% very poor, 9% poor, 17% fair, 41% good, 24% excellent. Apple 2% very poor, 21% fair, 64% good, 13% excellent; 16% harvested, 22% 1999, 15% avg. Peaches 80% harvested, 87% 1999, 82% avg. Cantaloupe 82% harvested, 88% 1999, 86% avg. Watermelons 70% harvested, 86% 1999, 81% avg. Tomatoes 72% harvested, 86% 1999, 78% avg. All hay supplies 1% very short, 4% short, 79% adequate, 16% surplus. Percent of cutting hay crop harvest; 43% 3rd cutting cut, 59% 1999, 44% avg.; 15% 4th cutting cut, 0% 1999, 5% avg. Alfalfa 75% 3rd cutting cut, 81% 1999, 79% avg.; 28% 4th cutting cut, 27% 1999, 19% avg.

MICHIGAN: Days suitable for fieldwork 5.0. Topsoil 5% very short, 9% short, 74% adequate, 12% surplus. Subsoil 6% very short, 20% short, 68% adequate, 6% surplus. All Hay 3% very poor, 8% poor, 26% fair, 52% good, 11% excellent. Drybeans 9% very poor, 17% poor, 34% fair, 32% good, 8% excellent. All Hay 85% 2nd cutting, 94% 1999, 93% avg. All Hay 24% 3rd cutting, 42% 1999, 33% avg. Corn 78% milk, 99% 1999, 89% avg. Drybeans 96% setting pods, 100% 1999, 96% avg. Drybeans 24% turning leaves, 59% 1999, 48% avg.; 2% shedding leaves, 11% 1999, 13% avg. Soybeans 94% blooming, 100% 1999, 99% avg. Pleasant temperatures last week helped to push maturity a variety of crops, though many growers still very concerned about lack of growing degree days (GDD). District precipitation for week ranged from 0.17 western Upper Peninsula to 1.39 inches east central Lower Peninsula. Corn remains behind 5-or maturity avg. Wet weather conditions continued to plague lower state. Many fields have areas of drowning out due to standing water. Cool, wet conditions caused widespread concern with white mold, root rot both dry beans, soybeans and late blight potatoes. Wet weather conditions continued to influence crop development. Corn appeared to be two to three weeks behind 1999 crop as cool temperatures continued to slow maturity. Corn borers starting to be a real problem. Some water damage showed up soybeans with yellow pockets many fields. Soybeans continued to look fairly good, but late planted soybeans very short. Phytophthora root rot, white mold have shown up soybean fields which had a significant amount of rain. Soybean aphids have been confirmed most counties, with West Central district hit particularly hard. Hay cutting slowed, but continued when weather allowed. Leaf spot spraying continued sugarbeet fields. White mold dry beans becoming a problem. Cabbage at all stages from just planted to harvested Monroe County. Cool temperatures and adequate moisture have benefitted crop this year. Carrot, cucumber, celery, onion harvesting continued. Sweet corn harvest continued with good quality. Potato harvest continued. Pepper harvest well underway with a very good fruit set. Pumpkins sizing, coloring. Broccoli, cauliflower had excellent growth. Processing tomato harvest began with growers reporting average yield and quality. Market tomatoes packing a good yield, showing good quality with some grade out. Apple varieties being harvested included Golden Supreme, Ginger Gold. Most Paula Reds have been harvested. McIntosh will be ready before Gala this year. Barlett pear harvest continued. Peach harvest continued. Red Havens being finished, growers moving on to Canadian Harmony, Loring. Blueberry harvest winding down with some Elliots being harvested. European plum varieties being harvested. Fall raspberry harvest full swing. Growers reported good numbers of fall berries. Concord grape veraison about half completed. Niagara harvest should start first full week September.

MINNESOTA: Days suitable for fieldwork 5.6. Topsoil 10% very short, 25% short, 61% adequate, 4% surplus. Corn 98% milking, 99% 1999, 96% avg. Soybeans 21% turning yellow, 13% 1999, 9% avg. Rye 26% seeded, 5% 1999, 11% avg. Sweet corn 58% harvested, 56% 1999, 55% avg. Winter Wheat 8% seeded, 3% 1999, 10% avg. Canola 43% harvested, 18% 1999, NA avg. Potatoes 6% harvested, 8% 1999, 7% avg. Field corn 3% cut for silage, 5% 1999, 2% avg. Grain/hay 43% stubble plowed, 30% 1999, 26% avg. Pasture feed 4% very poor, 14%

poor, 29% fair, 46% good, 7% excellent. Dry beans 4% very poor, 9% poor, 25% fair, 46% good, 16% excellent. Potatoes 3% very poor, 7% poor, 17% fair, 58% good, 15% excellent. Sunflowers 0% very poor, 6% poor, 17% fair, 62% good, 15% excellent. Canola 3% very poor, 3% poor, 19% fair, 56% good, 19% excellent. Sugarbeets 1% very poor, 6% poor, 15% fair, 55% good, 23% excellent. Hot temperatures, dry conditions prevailed for the week. Temperatures statewide averaged 3rd above normal, while precipitation averaged 0.4 inch below normal. Some producers are being encouraged to cut silage early as plant moisture levels have dropped rapidly. Some evidence of the prolonged dry, hot conditions can be seen as corn ears have not filled to the tips. Reports are being received of soybeans dropping pods due to moisture stress. Low levels of white mold continue in scattered areas across the southern third of the state.

MISSISSIPPI: Days suitable for fieldwork 6.8. Soil moisture 69% very short, 26% short, 5% adequate. Corn 93% mature, 97% 1999, 85% avg.; 69% harvested, 64% 1999, 41% avg.; 90% silage harvested, 85% 1999, 79% avg. Cotton 11% very poor, 18% poor, 38% fair, 28% good, 5% excellent. Rice 29% mature, 40% 1999, 39% avg.; 1% very poor, 5% poor, 29% fair, 54% good, 11% excellent. Sorghum 85% mature, 86% 1999, 65% avg.; 45% harvested, 51% 1999, 28% avg.; 4% very poor, 14% poor, 30% fair, 49% good, 3% excellent. Soybeans 10% harvested, 14% 1999, 4% avg.; 13% very poor, 25% poor, 28% fair, 27% good, 7% excellent. Watermelons 90% harvested, 93% 1999, 95% avg.; Hay (warm-season) 77% harvested, 82% 1999, 85% avg. Cattle 6% very poor, 17% poor, 41% fair, 33% good, 3% excellent. Pasture 39%, very poor, 33% poor, 21% fair, 6% good, 1% excellent. Hot, dry conditions continue throughout most of the state. Harvest is progressing quickly in many parts of the state. Prolonged drought conditions have caused severe damage to hay, pastures.

MISSOURI: Days suitable for fieldwork during the week 5.5. Topsoil 19% very short, 30% short, 49% adequate, 2% surplus. The corn crop is maturing rapidly, other row crops are also developing ahead of schedule. A large majority of all row crops continue to be rated as good to excellent. The weekly precipitation averaged 0.79 inch, ranging from none in the southwest to 0.10 inch in the west-central to 1.66 inches in the east-central district. Corn harvesting ranges from 1% northern districts to 19% Bootheel. Sudden Death Syndrome is affecting some bean fields in northern, east-central areas. Sorghum mature varies from none east-central to 47% southeast. Alfalfa is 90% 3rd crop cut, 76% 1999, 76% avg. Pasture feed 12% very poor, 23% poor, 34% fair, 28% good, 3% excellent.

MONTANA: Days suitable for fieldwork 6.9. Topsoil 69% very short, 28% short, 3% adequate, 0% surplus. Subsoil moisture 70% very short, 28% short, 2% adequate, 0% surplus. Winter wheat 98% harvested, 89% 1999, 82% avg. Barley 96% ripe, 72% 1999, 78% avg. Spring Wheat 92% ripe, 71% 1999, 80% avg. Oats 91% ripe, 75% 1999, 82% avg.; 86% harvested, 50% 1999, 53% avg. Corn harvested 3% for silage, 8% 1999, 5% avg.; 0% very poor, 10% poor, 29% fair, 56% good, 5% excellent. Dry beans 18% harvested, 9% 1999, 8% avg.; 0% very poor, 1% poor, 47% fair, 45% good, 7% excellent. Potatoes 0% very poor, 10% poor, 22% fair, 48% good, 20% excellent. Sugar beets 0% very poor, 13% poor, 35% fair, 42% good, 10% excellent. Alfalfa hay 89% 2nd cutting, 65% 1999, 65% avg. Other hay 96% 1st cutting, 92% 1999, 95% avg. This week, conditions continued to be very hot, dry statewide. Crops are maturing much faster than normal which has harvest ahead of schedule. Many areas are reporting the small grain harvest as nearly complete. Preparations are being made for winter wheat seeding in the southeastern portions of state. However, some producers are considering not seeding winter wheat in the North Central, Central areas of the state due to the lack of moisture. Hay supplies continue to be a concern for much of the state. Large amounts of hay are being hauled into the Central portion of the state. Some areas are reporting less than normal hay production even on the irrigated hay crops.

NEBRASKA: Days suitable for fieldwork 6.4. Temperatures for the week averaged 2 to 7th above normals. Precipitation was scattered across the State, ranged from traces to nearly 2.0 inches. Topsoil, subsoil moisture supplies were rated mostly very short. Corn 17% very poor, 14% poor, 28% fair, 32% good, 9% excellent; 92% in dough, 89% 1999, 81% avg.; 64% dented, 45% 1999, 34% avg.; 12% mature, 1% 1999 and avg. Soybeans 20% very poor, 23% poor, 34% fair, 21% good, 2% excellent; 34% colored, 5% 1999, 4% avg.; 15% dropped leaves, none 1999 or avg. Sorghum 19% very poor, 21% poor, 36% fair, 23% good, 1% excellent; 56% colored, 23% 1999, 23% avg. Alfalfa 82% 3rd cutting harvested, 77% 1999, 64% avg.; 29% very poor, 29% poor, 28% fair, 13% good, 1% excellent. Pasture, range 50% very poor, 33% poor, 14% fair, 3% good. Some cattle moved off pastures, others receiving supplemental feed. Other producer activities included: Moving grain to market, fall harvest preparations, livestock care.

NEVADA: Temperatures averaged several degrees above normal West, nearer normal elsewhere. Afternoon thunderstorms produced limited precipitation for most regions, lightning sparked some additional fires. Wildland fire expanse neared 600,000 acres for the fire season. Winnemucca received .17 inch of rain, Las Vegas .11 inch, Ely .05 inch. Intensifying drought slowed by the light precipitation. Lack of water supplies continue forcing movement of livestock from some ranges. Irrigated crops in mostly good condition. Mostly open weather allowed third cutting of alfalfa to progress smoothly, fourth cutting was beginning North. Alfalfa seed harvest underway. Some alfalfa seed fields hurt dry weather and bugs. Planting of new alfalfa fields underway. Other hay harvest mostly complete. Winter wheat, spring wheat, barley harvests winding down. Oats for grain harvest well along, some oats continue to be cut for hay. Corn growing well. Potatoes in good condition. Garlic harvest underway. Onion harvest gearing up. Cattle marketing remains active. Main farm, ranch activities: Alfalfa, other hay harvests, alfalfa seed harvest, grain harvest, garlic harvest, onion harvest, irrigation, pest, weed control, livestock marketing.

NEW ENGLAND: Days suitable for fieldwork 6.0. Topsoil moisture 1% very short, 14% short, 61% adequate, 24% surplus. Subsoil moisture 11% short, 73% adequate, 16% surplus. Pasture feed 8% very poor, 6% poor, 20% fair, 37% good, 29% excellent. Maine potatoes 0% harvested, 5% 1999, 5% avg.; condition excellent to good. Rhode Island potatoes 35% harvested; 35% 1999; 25% avg.; condition good to excellent. Massachusetts potatoes 30% harvested, 40% 1999, 40% avg.; condition good to fair. Oats in Maine 5% harvested, 55% 1999, 40% avg.; condition excellent to good. Barley in Maine 5% harvested, 70% 1999, 45% avg.; condition excellent to good. Silage corn 0% harvested, 10% 1999, 5% avg.; condition good to fair. Sweet corn 60% harvested; 70% 1999, 65% avg.; condition good to fair. Shade tobacco 95% harvested, 90% 1999, 95% avg.; condition fair to poor. Broadleaf tobacco 75% harvested, 90% 1999, 85% avg.; condition very poor. Hay 95% 1st crop harvested, 100% 1999, 99% avg.; condition good to fair. Hay 70% 2nd crop harvested, 85% 1999, 75% avg.; condition good. Hay 35% 3rd crop harvested, 40% 1999, 25% avg.; condition good to excellent. Apples 10% harvested, 10% 1999, 15% avg.; fruit size avg, condition fair. Peaches 60% harvested, 60% 1999, 70% avg, fruit size avg, condition good. Pears 15% harvested, 10% 1999, 15% avg, fruit size avg, condition good to fair. Cranberries fruit size avg to above avg, condition good. Highbush blueberries 95% harvested, 90% 1999, 85% avg; fruit size avg, condition good. Wild Blueberries in Maine 80% harvested, 90% 1999, 90% avg, fruit size above avg to avg, condition good. Several spells of warm weather kick harvest into gear. Major farm activities included :Cutting greenchop, hay; picking peaches, early apples, blueberries; applying fungicides, insecticides; harvesting vegetables, small grains.

NEW JERSEY: Days suitable for field work 5.8. Topsoil 87% adequate, 13% surplus. Corn 93% dough, 46% dent.; 67% good, 33% excellent. Soybeans 80% setting pods, 73% good, 27% excellent. Producers have reported increased disease problems in some soybean fields due to cooler weather, cloudy conditions. Hay harvest continues as weather permits with some producers reporting leafhopper damage. Fresh market tomato harvest is nearing completion in the southern counties. Producers remain concerned over declining quality due to continued cool, cloudy conditions, water damage from recent storms. Increased disease pressure, rot have been reported in some pepper, cucumber fields. Potato harvest continues to lag behind schedule in some localities due to wet field conditions. Some fall cabbage, lettuce fields will also need to be re-seeded due to washouts from recent rains. Peach harvest is nearly completed, with the crop rated in good condition. Some orchards have reported fruit splitting and increased disease problems due to wet weather conditions. Apples remain in good condition.

NEW MEXICO: Days suitable for field work 6.9. Topsoil 45% very short, 30% short, 25% adequate. Hit or miss showers, thunderstorms brought rain to only about one third of the reporting stations over the past week. Most of the eastern counties remained dry. Temperatures were above normal at most locations, the state average 4° above normal. Farmers were still fighting army worms, hoping for rain; drought conditions do not seem to be improving with the scattered rains. Sorghum 31% very poor, 14% poor, 35% fair, 19% good, 1% excellent with 53% headed; 89% 1999, 61% 5-year; 22% coloring; 12% 1999, 8% 5-or. Corn was in mostly fair to good condition, with 78% of the corn dented, 29% mature. Alfalfa was in mostly fair to excellent condition with the fourth cutting nearing completion, the fifth cutting 2/3 complete. The cotton crop varied slightly from last week, reported in mostly fair to excellent condition with bolls opening at a record 44%. Chile was also in mostly fair to excellent condition, with green chile harvested at 42%. Ranchers were busy taking calves to market as much as 30 days early, in order to conserve winter forage. Cattle, sheep conditions overall fell slightly from last week. The pasture, range feed 15% very poor, 37% poor, 35% fair, 13% good.

NEW YORK: Days suitable 5.3. Soil moisture 64% adequate, 36% surplus. Pasture feed 71% good, 29% excellent. Corn 39% fair and 61% good. Soybean 60% fair, 40% good. Hay 8% fair, 84% good and 8% excellent. Alfalfa 87% 2nd cutting done, 98% 1999, 95% avg. Alfalfa 3rd cutting 33% done, 65% 1999, 45% average. Clo-tim 3rd cutting 25% done, 35% 1999, 28% average. Oats 66% harvested, 95% 1999, 88% average. Potato harvest continues. Apple harvest underway across the state. Most reports are good to excellent. Vegetable harvest in full swing with onion harvest winding down in many areas. Rainy weather putting disease; insect pressure on vegetables. Cool temperatures kept livestock comfortable.

NORTH CAROLINA: Days suitable for field work remained unchanged from last week's estimate of 6.0. Cooler weather prevailed this week in state as temperatures across the State were below seasonal averages. Rainfall continues to be scattered, in the form of thunderstorms. Areas in the Piedmont have missed several rains of late, are registering depletions in soil moisture. Statewide, soil moisture slipped only slightly to the current rating of 7% very short, 26% short, 63% adequate, 4% surplus. The major activities involved: Tobacco harvesting, marketing, corn silage harvest, and preparations for corn for grain harvest. Pest control continues to be a point of emphasis, specifically in cotton, soybeans. Other activities included: Tending livestock, harvesting vegetables, cutting hay. The major crops have maintained their mostly good condition. However, sustained cool, moist conditions will increase disease pressure on peanuts. Apple harvest is in full gear in the Mountain region.

NORTH DAKOTA: Days suitable for fieldwork were 6. Topsoil 17% very short, 22% short, 53% adequate, 8% surplus. Subsoil moisture 12% very short, 21% short, 61% adequate, 6% surplus. Continued hot, dry conditions in the south, west depleted stockwater supplies, dried up pastures, ranges, heightened potential for range fires, while rain in the north central, central, east central slowed the pace of harvest. Crop development for durum wheat 98% turning, 76% 1999, 86% avg.; 39% combined, 17% 1999, 26% avg. Canola 98% swathed, 72% 1999; 51% combined, 23% 1999. Dry bean development 64% lower leaves yellowing, 54% 1999, 72% avg.; 37% mature, 27% 1999, 45% avg.; cut 3%, 4% 1999, 7% avg. Flaxseed 27% combined, 13% 1999, 17% avg. Potatoes 35% vines killed, 30% 1999, 33% avg.; dug 2%, 1% 1999, 2% avg. Durum wheat 6% very poor, 13% poor, 31% fair, 45% good, 5% excellent. Canola 3% very poor, 9% poor, 29% fair, 46% good, 13% excellent. Dry beans 9% very poor, 11% poor, 23% fair, 45% good, 12% excellent. Flaxseed 2% very poor, 6% poor, 27% fair, 52% good, 13% excellent. Potatoes 4% very poor, 10% poor, 20% fair, 45% good, 21% excellent. Pasture and range conditions were 7% very poor, 14% poor, 35% fair, 39% good, 5% excellent. Stockwater 4% very short, 13% short, 79% adequate, 4% surplus. Hay 85% of normal. Alfalfa 95% 2nd cutting complete, while all other hay 93% complete.

OHIO: Days suitable for fieldwork 5.2. Topsoil 1% very short, 8% short, 79% adequate, 12% surplus. Summer apples 83% harvested; 87% 1999. Alfalfa hay 69% 3rd cutting; 78% 1999; 53% avg.; 19%. 4th cutting; 17% 1999. Corn 87% in dough; 91% 1999; 80% avg.; 41% dented; 57% 1999; 28% avg.; 5% mature; 7% 1999; 2% avg.; 10% harvested for silage; 14% 1999; 4% avg. Cucumbers 74% harvested; 91% 1999. Other hay 90% 2nd cutting; 92% 1999; 90% avg.; 38% 3rd cutting; 42% 1999; 27% avg. Peaches 84% harvested; 78% 1999. Potatoes 39% harvested; 49% 1999; 35% avg. Processing tomatoes 20% harvested; 30% 1999; 19% avg. Soybeans 97% setting pods; 100% 1999; 94% avg.; 5% dropping leaves; 13% 1999; 3% avg. Tobacco 89% topped; 77% 1999, 22% harvested; 21% 1999. Corn 2% very poor, 5% poor, 18% fair, 45% good, 30% excellent. Hay 0% very poor, 4% poor, 23% fair, 56% good, 17% excellent. Pasture 1% very poor, 4% poor, 25% fair, 55% good, 15% excellent. Soybeans 4% very poor, 10% poor, 25% fair, 43% good, 18% excellent. Activities for the week included: Making hay; installing CRP practices; harvesting fruits, vegetables; mowing weeds; preparing for fall harvest; repairing equipment, buildings; hauling manure; mowing wheat stubble; hauling grain; spraying beans; seeding alfalfa; threshing oats; applying lime, fertilizer; constructing grain bins; preparing for county fairs; worming livestock. Reported weed pressures included Canadian thistle, ragweed, lambs quarter, foxtail, wild carrot, burdock, velvet leaf. Reported insects included aphids, bean leaf beetles, mosquitoes, flies, slugs, corn borers, blister beetles, mites, grasshoppers, earwigs, squash bugs. Reported diseases were leaf rust in corn, sclerotinia, apple scab, powdery mildew on pumpkins, root rot, blossom end rot in vegetables, blight in corn, soybeans, sudden death syndrome in soybeans, phytophthora, wilt, mold, mildew. Fruit, vegetable crops were reported in good to excellent condition throughout the state, despite normal insect, disease problems. Some areas in the Southeast district reported a very heavy fruit crop this year. In the Southwest district, Bartlett pears are ripening early. Producers in the Northwest district are harvesting tomatoes, pickles, squash, melons, cabbage, zucchini. The peach harvest is nearing completion in the Northwest district. Field crops are behind schedule in reaching

maturity in the Northwest, Northeast districts. Reporters list late planting, cool temperatures, wet weather as major causes of the slow crop development. Even a normal frost is reason for concern in these areas, given the slow progress of corn, soybean crops. Livestock were reported in mostly good condition. Cool temperatures, low humidity have kept livestock stress to a minimum. Increasing fly populations were reported in parts of eastern state.

OKLAHOMA: Days suitable for fieldwork 6.7. Topsoil 44% very short, 49% short, 7% adequate. Subsoil moisture 25% very short, 50% short, 25% adequate. Wheat 49% seedbed prepared, 46% last week, 54% 1999, 50% avg.; 2% planted, n/a last week, 2% 1999, 3% avg. Oats 45% seedbed prepared, 43% last week, 48% 1999, 41% avg.; 4% planted, n/a last week, 0% 1999, 0% avg. Rye 49% seedbed prepared, 46% last week, 53% 1999, 40% avg. Corn 5% very poor, 7% poor, 25% fair, 61% good, 2% excellent, 97% dough, 88% last week, 100% 1999, 99% avg.; 41% mature, 36% last week, 14% 1999, 20% avg.; 10% harvested, n/a last week, 6% 1999, 5% avg. Sorghum 74% headed, 73% last week, 88% 1999, 82% avg. Soybeans 7% very poor, 17% poor, 40% fair, 34% good, 2% excellent, 93% blooming, 90% last week, 83% 1999, 91% avg.; 72% setting pods, 70% last week, 68% 1999, 74% avg.; 20% mature, n/a last week, 9% 1999, 9% avg. Peanuts 94% setting pods, 89% last week, 92% 1999, 94% avg.; 4% mature, 3% last week, 3% 1999, 5% avg. Cotton 99% setting bolls, 95% last week, 99% 1999, 97% avg. Alfalfa Hay 6% very poor, 16% poor, 41% fair, 33% good, 4% excellent, 61% 4th cutting, 48% last week, 48% 1999, 35% avg.; 8% 5th cutting, n/a last week, 1% 1999, 1% avg. Other Hay 7% very poor, 15% poor, 42% fair, 33% good, 3% excellent, 64% 2nd cutting, 61% last week, 53% 1999, 47% avg. Watermelons 96% harvested, 94% last week, 90% 1999, 83% avg. Livestock 4% poor, 31% fair, 60% good, 5% excellent; Cattle marketings average. Feeder steer prices steady to \$1.30 per cwt. lower, heifer prices steady to 60 cents per cwt. lower than last week.

OREGON: Days suitable for fieldwork 7. Topsoil 25% very short, 50% short, 25% adequate. Subsoil 21% very short, 48% short, 31% adequate. Barley 75% harvested, 59% 1999, 66% average. Spring wheat 84% harvested, 83% 1999. Winter wheat 95% harvested, 93% 1999, 93% average. Range, pasture 8% very poor, 20% poor, 41% fair, 28% good, 3% excellent. Activities: Most counties reported winter wheat, barley harvest near completion, spring wheat harvest well underway. In Northeast state grain harvest continues, some hay being cut. Mint harvest in this area progressing well. Southeast state in its third cutting of alfalfa, some alfalfa seed harvesting has started. In Klamath Basin third alfalfa cutting continued, grain harvest underway. Bentgrass, red clover harvest underway. Rogue River Valley on second, third hay cuttings. Most Nurseries, greenhouses operators attended Far West Nursery show in Portland last weekend. It reported to be biggest Nursery show on West coast. Irrigations still required at all nurseries. Some Easter lily growers began harvest of yearling bulbs. In Willamette Valley, corn, green beans, table beets, being harvested. Tomatoes, cucumbers, carrots ready, available, potatoes continued to be harvested. In Rogue River Valley, sweet corn, cucumbers, melons, tomatoes, eggplant, green peppers, potatoes available at all market stands. In Malheur county early harvest of excellent quality onions progressing. Early harvest of potatoes also progressing with low yields, fair to good quality of potatoes. Klamath Basin reported 95% of potatoes turned. Bartlett pear harvest in full swing in lower Hood River Valley. Fresh pack Bartlett picking should start this week in Parkdale area. In southern state, Bartlett harvest continued, Comice pear harvest under way. Also, some early apples being picked. In Willamette Valley, Evergreen blackberry picking continued, also late blueberries, some everbearing strawberries harvested. Gravenstein apples & peaches picked too. Hazelnut orchard preparations continued. At southern coast, cranberry bogs being monitored for cranberry girdler larva damage. Livestock condition remains mostly good to excellent. Range, pasture conditions mostly very poor to fair. Fire danger remains extreme across eastern, southern portions of state. Early cattle movement underway in those areas. In west, most dryland pastures are well into summer dormancy, although a few areas reported some grass growth due to recent rains. Supplemental hay feeding continued. Lamb pool shipped from Coos, Curry Counties.

PENNSYLVANIA: Days suitable for fieldwork 5.2. Soil moisture 1% very short, 7% short, 85% adequate, 7% surplus. Fall plowing 17%, 19% 1999, 19% avg. Corn 90% silk 99% 1999, 97% avg.; 74% dough, 67% 1999, 68% avg.; 26% dent, 38% 1999, 28% avg.; 3% poor, 14% fair, 53% good, 30% excellent. Oats 96% ripe, 99% 1999, 99% avg.; 86% harvested, 96% 1999, 89% avg. Potatoes 20% harvested, 23% 1999, 20% avg. Tobacco 30% harvested, 7% 1999, 34% avg. Apples 25% harvested, 24% 1999, 22% avg.; 1% very poor, 16% fair, 83% good. Peaches 87% harvested, 74% 1999, 73% avg. 20% 91% 2nd cutting, 96% 1999, 95% avg.; 66% 3rd cutting, 67% 1999, 60% avg.; fourth cutting complete, 22% 1999, 17% avg. Timothy clover 58% 3rd cutting, 65% 1999, 70% avg. Quality of hay 8% poor, 30% fair, 53% good, 9% excellent. Activities include: Harvesting oats, fruits, vegetables, potatoes, tobacco; fixing fences; machinery maintenance; filling silos; spreading lime, d fertilizers; repairing buildings; hauling, spreading manure; caring

for livestock; baling straw; making hay, haylage; trimming brush, spraying crops; fall plowing; attending county fairs.

SOUTH CAROLINA: Days suitable for field work 6.0. Soil moisture 8% very short, 31% short, 59% adequate, 2% surplus. Apples 19% harvested, 17% 1999, 19% avg.; 93% fair, 7% good. Corn 100% doughed, 100% 1999, 100% avg.; 96% matured, 95% 1999, 95% avg.; 44% harvested, 55% 1999, 46% avg.; 18% very poor, 27% poor, 34% fair, 20% good, 1% excellent. Cotton 93% bolls set, 96% 1999, 97% avg.; 18% bolls opened, 14% 1999, 15% avg.; 2% very poor, 10% poor, 43% fair, 43% good, 2% excellent. Hay 95% harvested, NA 1999, NA avg. Livestock 2% poor, 32% fair, 55% good, 11% excellent. Peaches 96% harvested, 96% 1999, 97% avg. Peanuts 97% pegged, 97% 1999, 84% avg.; 4% poor, 47% fair, 44% good 5% excellent. Pecans 22% poor and 78% fair. Sorghum 92% headed, 92% 1999, 91% avg.; 75% turned color, 81% 1999, 79% avg.; 45% matured, 49% 1999, 46% avg.; 20% harvested, 22% 1999, 23% avg.; 10% very poor, 15% poor, 52% fair, 23% good. Soybeans 79% bloomed, 90% 1999, 92% avg.; 57% pods set, 46% 1999, 59% avg.; 8% turned color, 9% 1999, 8% avg.; 3% very poor, 12% poor, 33% fair, 50% good, 2% excellent. Sweetpotatoes 5% harvested, 5% 1999, 5% avg.; 6% poor, 40% fair, 54% good. Tobacco 83% harvested, 78% 1999, 79% avg.; 38% stalks destroyed, 41% 1999, 31% avg.; 3% poor, 29% fair, 64% good, 4% excellent.

SOUTH DAKOTA: Days suitable for field work 6.0. Topsoil 19% very short, 38% short, 39% adequate, 4% surplus. Subsoil moisture 20% very short, 36% short, 42% adequate, 2% surplus. Feed supplies 3% very short, 18% short, 69% adequate, 10% surplus. Stock water supplies 18% very short, 27% short, 49% adequate, 6% surplus. Winter Rye 2%, planted 3% 1999, 5% avg.; 0%, emerged 0% 1999, 2% avg.; 2% planted, 2% 1999, 2% avg.; 0%, emerged, 0% 1999, 1% avg. Corn 10% silage harvested, 2% 1999, 2% avg. Soybeans 0% mature, 0% 1999, 1% avg. Sorghum 93% headed, 87% 1999, 90% avg. Sorghum 16% silage harvested, 3% 1999, 3% avg. Sunflower 5% very poor, 14% poor, 31% fair, 38% good, 12% excellent. Sunflower flowers dry 56%, 44% 1999, 44% avg. Sunflower bracts 33% yellow, 31% 1999, 27% avg. Sunflower mature 3%, 0% 1999, 2% avg. Alfalfa hay 11% very poor, 18% poor, 30% fair, 34% good, 7% excellent. Alfalfa hay 2nd cutting harvested 93%, 90% 1999, 90% avg. Alfalfa hay 3rd cutting harvested 45%, 37% 1999, NA% avg. Other hay harvested 95%, 91% 1999, 91% avg. Cattle 1% poor, 15% fair, 63% good, 21% excellent. Sheep 1% poor, 12% fair, 59% good, 28% excellent. Warm weather continues to develop crops ahead of average, deplete soil moisture conditions. The weather has deteriorated pasture conditions, water supplies, but livestock remain mostly in good to excellent condition. Corn is 9% mature, 4% points ahead of 1999, sorghum is 4% mature.

TENNESSEE: Days suitable for fieldwork 6. Topsoil 23% very short, 47% short, 30% adequate. Subsoil moisture 28% very short, 45% short, 27% adequate. Pastures 11% very poor, 28% poor, 35% fair, 23% good, 3% excellent. Tobacco 91% topped, 93% 1999, 84% avg.; 3% very poor, 8% poor, 24% fair, 51% good, 14% excellent. Burley 44% harvested, 48% 1999, 36% avg. Dark air-cured 51% harvested, 60% 1999, 50% avg. Dark fire-cured 45% harvested, 54% 1999, 43% avg. Corn silage 68% harvested, 67% 1999, 54% avg. Middle, East received some much-needed rainfall last week, but some areas of the State remain very dry with crops under moderate to severe moisture stress. Harvest for early corn is going full speed ahead with yields reported from average to very good. Besides corn harvest, the main farm activity last week was topping, harvesting tobacco, scouting for insects, spraying. Early May full season soybeans are maturing rapidly under these dry, hot conditions while double-crop beans are still blooming, setting pods. Cotton defoliation is underway, especially in Southwest, leading to the promise of significant harvest activity in the next ten days. Pastures remain a mixed bag with some in good shape while others struggle due to lack of rain. Some producers are anticipating a third cutting while others are already feeding hay. Ponds, creeks in some areas have been reported to be drying up while others report ponds being full.

TEXAS: Scattered showers crossed portions of South, South Central State during early week, but only minor amounts were received in most locations, little to no relief from the dry conditions was received. In a few isolated areas of South State accumulations near two inches were received which will aid in land preparation, fall vegetable planting. In other areas high temperatures continued to stress, hasten maturity of dry land crops. In many areas water available for irrigation was either being exhausted at a rapid rate causing stress on irrigated crops. Land preparation remained generally on hold in most locations as a result of the continued dry conditions, plow-up continued in many locations as crop failure continued for some producers. Livestock body condition continued to be stressed and supplemental feeding remained high as the extreme dry conditions continued. In some areas brush species along with pastures grasses are dead which further eliminates available forage for some livestock and increases the use of prickly pear as a supplement in their diet. Herd reduction continued especially in the dyer areas and hauling water continued to be necessary for some producers. Insect

populations continued to increase and caused further economic damage in many areas. Oak, Pine, Pecan trees continued to die in some areas from lack of water. Field Crops: Small Grains: Generally preparations for planting of small grains remained on hold across the state as the dry weather continued, however on the Plains a few fields of wheat were dry planted. In many areas planting in dry soil is not an option as it remained to dry to attempt any land preparation. In southern areas where spotted showers fell some readiness began. Corn: Progress continued in irrigated corn across the Plains, however in some areas available water for irrigation was low or almost depleted. Harvest in southern areas was mostly completed and continued to move northward as maturity was reached. Harvest on the Plains began but was extremely limited. Some corn cut for silage did not make feed lot standards. Yields remained variable in all locations as a result of the dry conditions. State wide corn 81% of normal compared with percent 87% 1999. Corn Harvested Published 52%, 1999 50%, Average 50%. Cotton: Dry land cotton continued to mature rapidly as a result of the dry conditions. Across the Plains dry land cotton continued to be stressed as boll drop remained high in many locations, damage from army worm populations continued. Harvest activities continued to move northward as conditions for harvest were reached, stalk destruction continued in harvested fields. State wide cotton condition was rated at 55% of normal compared with 67% 1999. Cotton Setting Bolls, Published 98%, 1999 97%, Average 97%. Harvested Published 12%, 1999 8%, Average 12%. Rice: Harvest remained active during the week. Drying down continued in later planted rice and some producers will not make a second cutting due to water costs. Rice 95% of normal compared with 95% 1999. Sorghum: Harvesting continued to move northward from the central areas, however only irrigated sorghum potential remained high. In general remaining dry land sorghum continued unimproved. State wide sorghum condition was rated at 56% of normal compared with 73% 1999. Sorghum Headed, Published 96%, 1999 92%, Average 95%. Harvested, Published 60%, 1999 54%, Average 54%. Peanuts: Progress continued on the Plains and preparation for harvest began with harvest coming soon. In some areas irrigation wells were not able to keep up with demand. Dryland peanuts continued to suffer across the state and in some areas the crop may not be harvested. State wide peanut condition was rated at 63 percent compared with 81% 1999. Peanuts Pegging, Published 98%, 1999 95%, Average NA. Soybeans: Irrigated soybeans made fair to good progress across the Plains where water supplies were holding. Dryland soybeans continued to suffer in most other areas, in a few locations were being baled. Harvest continued in Central, Coastal areas where conditions were favorable for harvest. Commercial Vegetables, Fruit, Pecans Rio Grande Valley, watermelon harvest was completed, preparation for fall planting continued with the aid of recent scattered rain showers. San Antonio-Winter Garden, land preparation for fall planting's continued but remained slow as the dry conditions continued. Available water for fall planting was extremely short in most locations and could effect production of irrigated crops. East State, remaining vegetables continued to suffer and in general fall planting will be on hold until adequate moisture is received. Some farmers markets closed early this year as a result of the dry conditions. High Plains, harvest began for Cabbage, Cucumbers, Pumpkins. Carrot harvest was mostly completed, green bean harvest continued. Pecans: Pecans continued to make good to fair progress in most areas of the state. Nut drop continued in the dryer areas and especially where irrigation was marginal or not possible. In some areas the prospects of nut production have been lost and survival of the trees has become a concern. Range, Livestock: Across the state conditions for range, pasture, livestock remained unimproved. No relief from the extreme dry conditions was received and problems with Prussic Acid, Nitrate poisoning was experienced by some producers. Supplemental feeding continued to increase for the remaining herds and hauling water remained necessary for some producers. Herd reduction or liquidation continued in some areas, death of large trees continued to be noticed in isolated locations. In a few areas prickly pears that were not burned last year for forage was being utilized as supplement in the diet of livestock.

UTAH: Days suitable for field work 7. Spring wheat 91% harvested, 89% 1999, 86% avg. Barley 94% harvested for grain, 87% 1999, 87% avg. Oats harvested 72%, for grain 62% 1999, 62% avg. Corn tasseled 94% (silked), 97% 1999, 91% avg. Corn in 41% dough stage, 37% 1999, 29% avg.; 8% dent stage, 2% 1999, 3% avg.; 3% harvested for silage. Corn height 90 inches, 95 inches 1999, 86 inches avg. Alfalfa hay 55% 3rd cutting, 33% 1999, 36% avg. Alfalfa seed harvested 12%, 3% 1999, 2% avg. Onions 29% harvested, 9% 1999, 8% avg. Potatoes 4% harvested, 1% 1999, 1% five-year average. Cattle moved from summer range 14%, 1% 1999, 2% avg. Sheep/lambs moved from summer range 6%. Apples 5% picked, 4% avg. Peaches 41% picked, 42% 1999, 44% avg. Pears picked 20%, 21% 1999, 17% avg. Topsoil moisture 34% very short, 39% short, 27% adequate. Subsoil moisture 39% very short, 35% short, 26% adequate. Range and pasture 21% very poor, 42% poor, 29% fair, 8% good. Irrigation water supplies 37% very short, 36% short, 27% adequate. Stock water supplies 17% very short, 43% short, 40% adequate. Major farm, ranch activities included: Harvesting alfalfa, small grains, fruits. Fields are being prepared for fall grain planting. Some ranchers are removing livestock from summer ranges early, others preparing to due to poor range conditions. Fires have affected rangeland used for winter feed. Rain is needed to provide winter feed. Scattered

showers providing little relief from the drought. Cooler temperatures are reducing stress on crops.

VIRGINIA: Days suitable for fieldwork 4.0. Topsoil 2% short, 80% adequate, 18% surplus. As conditions permit, farmers have been cutting hay, corn silage. Peach harvest is nearing completion, tobacco harvest is getting underway. Hay 20% fair, 60% good, 20% excellent; Hay 75% 2nd cut, 67% 1999, 75% 5-or avg.; 35% 3rd cut, 15% 1999, 26% 5-or avg. Corn 5% fair, 50% good, 45% excellent; 95% silked, 96% 1999, 93% 5-or avg.; 66% doughing, 72% 1999, 73% 5-or avg.; 22% denting, 24% 1999, 20% 5-or avg.; 6% Mature. Soybean 15% fair, 45% good, 40% excellent; 98% blooming, 97% 1999, 96% 5-or avg.; 85% setting pods, 83% 1999, 88% 5-or avg.; 5% dropping leaves, 18% 1999, 14% 5-or avg. Oats 98% harvested, 94% 1999, 92% 5-or avg. Tobacco 10% poor, 40% fair, 45% good, 5% excellent; 88% topped, 65% 1999, 85% 5-or avg.; 27% harvested. Apple 25% fair, 55% good, 20% excellent. Peach 30% poor, 70% fair. Cattle 10% fair, 70% good, 20% excellent. Sheep 5% fair, 80% good, 15% excellent.

WASHINGTON: Days suitable for fieldwork 7.0. Topsoil 26% very short, 50% short, 24% adequate. Subsoil moisture 9% very short, 58% short, 33% adequate. Winter wheat 97% harvested, 79% 1999, 86% avg.; 6% planted, 1% 1999, 1% avg. Winter wheat harvest winding down across the state. Seeding had begun, but many producers were concerned by the lack of moisture. A lot of operators were waiting for more moisture to start tillage operations. Spring wheat 90% harvested, 49% 1999, 71% avg. Barley 88% harvested, 45% 1999, 68% avg. Spring wheat, barley harvest continued throughout the state. Most of the grain hay and straw were being baled. Grass fires remained a concern due to the dry weather. Potatoes 4% fair, 92% good, 4% excellent. 29% harvested, 22% 1999, 20% avg. Alfalfa hay 100% 2nd cutting, 100% 1999, 99% avg.; 80% 3rd cutting, 88% 1999, 73% avg. Hay, roughage, 65% adequate and 35% surplus. Range and Pasture, 4% very poor, 39% poor, 41% fair, 16% good. Second cutting of alfalfa came to an end while third cutting progressed. Some hay producers were very disappointed because fields were too dry to produce second, third cuttings. A variety of vegetables were being harvested including sweet corn, cucumbers. Fruit harvest was also in full swing with peach, nectarine harvest nearing the end, gala apple harvest underway. Blueberries harvest was nearing the end of berry harvest with reports of average yields, lower prices. Hop harvest begun and Christmas trees were being sheared. Seed crops such as spinach, cabbage, carrot, alfalfa seeds were being harvested.

WEST VIRGINIA: DATA NOT AVAILABLE

WISCONSIN: Days suitable for fieldwork 5.5. Soil moisture 2% very short, 19% short, 72% adequate, 7% surplus. Warmer temperatures were welcomed last week for corn, soybeans, vegetable crops, but foggy mornings, higher humidity slowed dry hay curing. East Central areas experienced heavy rains on Tuesday, with locations receiving 2-4 inches in an hour. Third crop hay: 67% 2000, 54% 1999, 41% 5-year avg. Dry hay harvest and quality were diminished by the damp conditions. Hay supplies have been noted as plentiful. Potato growers have been busy killing vines, started early potato harvest. Snapbean maturity in the North East district has slowed, delaying harvest, but quality, yields remain very good. Pasture feed 3% very poor, 9% poor, 28% fair, 48% good, 12% excellent.

WYOMING: Days suitable for fieldwork 6.9. Topsoil 59% very short, 36% short, 5% adequate. Subsoil moisture 43% very short, 47% short, 10% adequate. Barley 98% mature, 87% 1999, 89% avg.; 72% harvested, 75% 1999, 71% avg. Oats 94% turning color, 97% 1999, 99% avg.; 81% mature, 76% 1999, 84% avg.; 70% harvested, 47% 1999, 50% avg. Spring wheat 93% mature, 86% 1999, 88% avg.; 75% harvested, 71% 1999, 54% avg. Corn 94% milk, 93% 1999, 91% avg.; dough 83%, 68% 1999, 69% avg.; 33% dent, 11% 1999, 17% avg.; 1% very poor, 3% poor, 11% fair, 79% good, 6% excellent. Dry beans 88% setting pods, 100% 1999, 99% avg.; 73% turning color, 90% 1999, 69% avg.; windrowed 18%, 27% 1999, 15% avg.; 1% poor, 10% fair, 78% good, 11% excellent. Sugarbeets 2% poor, 13% fair, 70% good, 15% excellent. Alfalfa 83% 2nd cutting, 67% 1999, 67% avg.; 14% 3rd cutting, 5% 1999, 2% avg. Other hay 96% harvested, 88% 1999, 89% avg. Range, pasture feed 28% very poor, 41% poor, 27% fair, 4% good. Cattle 2% poor, 39% fair, 57% good, 2% excellent. Calf 3% poor, 32% fair, 63% good, 2% excellent. Sheep 1% poor, 42% fair, 55% good, 2% excellent. Lamb 43% fair, 56% good, 1% excellent. Stock water supplies 44% very short, 31% short, 25% adequate. Continued dry conditions.